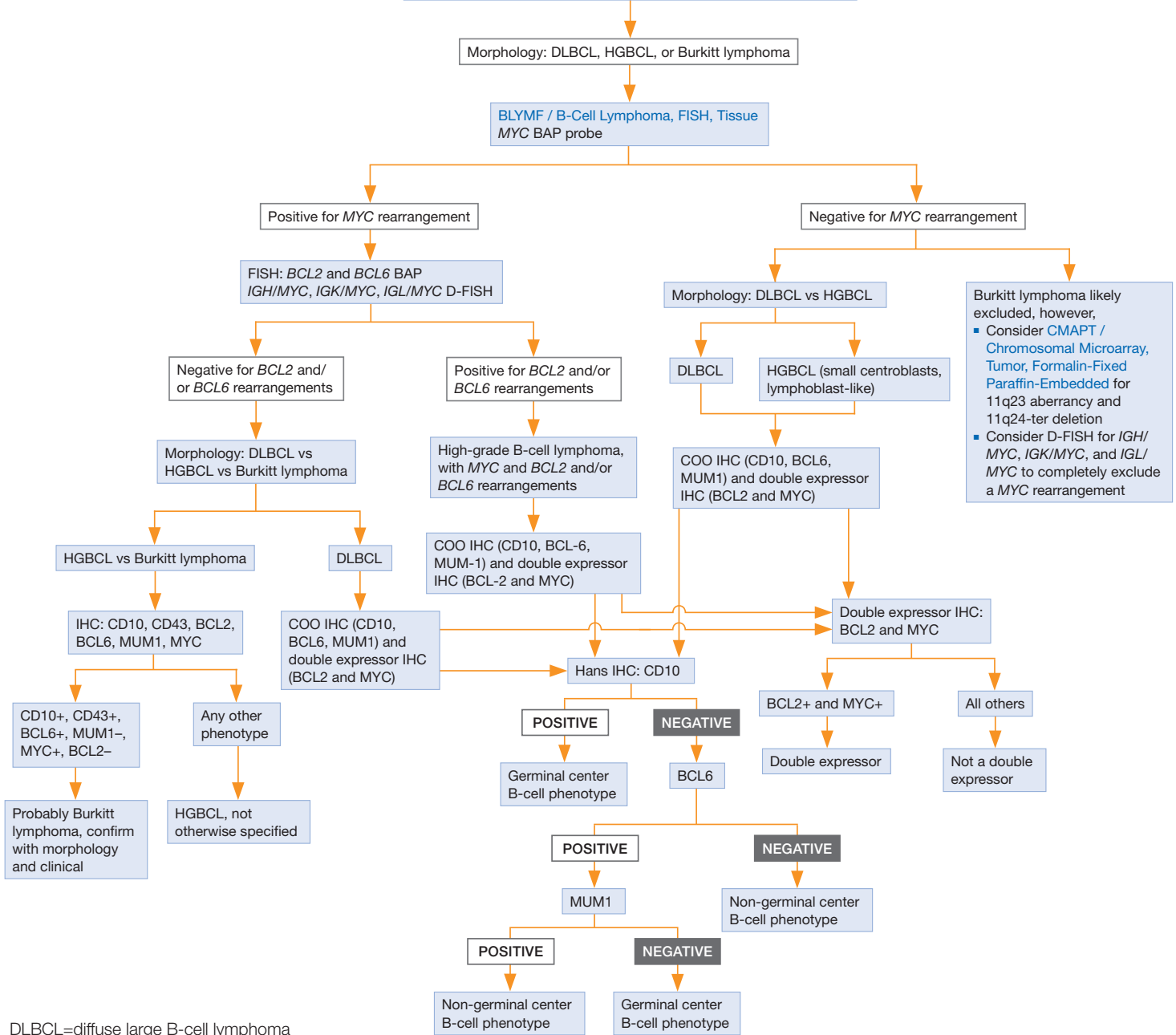


**PATHC / Pathology Consultation**  
The final diagnosis requires 4 components:

- Morphologic diagnosis: HGBCL vs DLBCL
- COO (per Hans algorithm): Germinal center B-cell phenotype vs non-germinal center B-cell phenotype
- BCL2/MYC expression: Double expressor vs non-double expressor
- FISH result: presence vs absence of MYC and BCL2 and/or BCL6 rearrangements



DLBCL=diffuse large B-cell lymphoma  
HGBCL=high grade B-cell lymphoma  
IHC=immunohistochemistry  
BAP=break-apart FISH probe  
D-FISH=dual fusion FISH probe  
COO=Cell of origin